

ABSTRACT

A printhead assembly (1) for an inkjet printer with a plurality of printhead modules (2) and a support member (3). The support member (3) has a first component (6) and a second component (5). The first component (6) mounts the printhead assembly (1) within an inkjet printer, and the second component (5) mounts the printhead modules (2). The second component (5) has a coefficient of thermal expansion closer to that of the printhead modules (2) than the first component (6) and the first component is bonded to the second component via intermediate resilient material (7). This allows the first component (6) to be a high strength low cost material such as steel, and the second component (5) can be selected so that the overall coefficient of thermal expansion of the support member is closer to that of the printhead modules. This reduces the difference between the thermal expansion of the printhead modules (2) and the support member (3). This, in turn, makes the printing alignment of individual modules (2) with their adjacent modules is easier. By including an intermediate layer of elastomeric material (7), the greater expansion of the metal component has less effect on the other component, and therefore less effect on the alignment of the printhead modules mounted to this component.